



FACILITY COMPLIANCE AUDIT REPORT

Division of Waste Management Solid Waste Section

UNIT TYPE:											
Lined MSWLF		LCID		YW		Transfer		Compost	<input checked="" type="checkbox"/>	SLAS	COUNTY: Catawba PERMIT NO.: 18-06 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incineration		T&P		FIRM	
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF	

Date of Audit: July 1, 2009

Date of Last Audit: September 25, 2008

FACILITY NAME AND ADDRESS:

City of Hickory Compost Facility
 Cloninger Mill Road
 Hickory, North Carolina 28601

GPS COORDINATES: N: 35.78609 W: 81.30431

FACILITY CONTACT NAME AND PHONE NUMBER:

Herb Collins, Solid Waste Supervisor
 (828) 323-7580
hcollins@ci.hickory.nc.us

FACILITY CONTACT ADDRESS:

Post Office Box 398
 Hickory, North Carolina 28601

AUDIT PARTICIPANTS:

Herb Collins, Solid Waste Supervisor
 Charles Gerstell, NCDENR-Solid Waste Section

STATUS OF PERMIT:

Large, Type 1 Solid Waste Compost Facility. Permit was issued on September 12, 2005 and the renewal date is September 12, 2010.

PURPOSE OF AUDIT:

Comprehensive Audit

NOTICE OF VIOLATION(S):

None

You are hereby advised that, pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Statute or Regulations. For the violation(s) noted here, you may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

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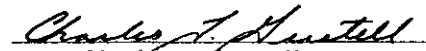
STATUS OF PAST NOTED VIOLATIONS:

None

AREAS OF CONCERN AND COMMENTS:

1. The Facility consists of a Large, Type 1 Solid Waste Compost Facility for the composting of yard and garden waste, silvicultural waste, and unpainted and untreated wood waste as described in the facility application.
2. The permit and operations plan were reviewed. These documents were current and available for review.
3. Temperature logs were reviewed. These logs showed that recent temperatures were recorded at an average temperature of 125°F to 130°F. Please be aware that NCAC 13B .1406(10) requires that the compost process at Type 1 facilities be maintained at or above 55 degrees Celsius (131 degrees F) for 3 consecutive days and aerated to maintain elevated temperatures. This condition is designed to ensure that pathogen reduction criteria are met prior to distribution of compost from the facility.
4. The sign provided at the entrance to the site is correct.
5. Gates have been provided at both entrances to the site to prevent unauthorized access when the facility is not in operation.
6. The access road was of all-weather construction and in good operational condition.
7. No dust was observed at the time of inspection.
8. Windrows appeared to be of the appropriate size as outlined in the permit application. Per the approved application, windrows should be no more than 15-feet wide at the base and 10-feet to 12-feet high. Three windrows consisting of un-ground leaves were on site at the time of inspection.
9. Adequate distances have been provided between all windrows and swales to facilitate access by fire fighting equipment.
10. During the inspection, multiple temperature readings were taken at all three windrows located on site. The average temperature was observed to be 133°F.
11. A 200-foot minimum buffer is required between compost areas and residences or dwellings not owned and occupied by the permittee per 15A NCAC 13B. 1404(a)(3). Measurements taken during the inspection found that some windrows are approximately 108-feet from homes located to the southeast. All windrows and stockpiles must be relocated to ensure that a proper buffer of 200-feet is provided. Herb Collins stated that the location of the windrows would be properly adjusted to meet the proper buffer requirements.

Please contact me if you have any questions or concerns regarding this audit report.


Charles T. Gerstell
Environmental Senior Specialist
Regional Representative

Phone: (704) 235-2144

Delivered on : <u>7/9/09</u> by	<input checked="" type="checkbox"/>	Electronic Correspondence		US Mail		Certified No. <input type="checkbox"/>
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Cc: Mark Poindexter, Field Operations Branch Supervisor
Deborah Aja, Western District Supervisor